

NAVAL DISTRIBUTED OPERATIONS  
S&T WORKSHOP

**RED FORCE LIST**

**(Constructive- For Workshop Purposes Only)**

Due to the nature and objectives of the game the Force List provides greater detail and emphasis on Red forces located on the island of Borneo. Forces located elsewhere that may influence planning will be identified in the scenario. Other information regarding Red forces and capabilities will be provided by the White Cell.

**Kalimantan Liberation Army (KLA)**

Headquarters (Balikpapan)

- ADA Brigade
- MP Battalion
- Aviation Brigade (RW) (Nangapinoh/Sintang)
- Long-Range Rocket Battalion
- Militia Brigade (Irregular)

Liberation Force West (Sintang)

- Infantry Brigade
- Mechanized Infantry Brigade
- Artillery Brigade
- ADA Battalion
- MRL Battalion
- Combat Engineer Battalion
- Long Range Reconnaissance Company
- Militia Battalion (Irregular) X 2

Liberation Force Center (Beringin)

- Infantry Brigade
- Mechanized Infantry Brigade
- Artillery Brigade
- ADA Battalion
- MRL Battalion
- Combat Engineer Battalion
- Long Range Reconnaissance Company
- Militia Battalion (Irregular) X 3

Liberation Force East (Tanjungredeb)

- Infantry Brigade
- Mechanized Infantry Brigade
- Artillery Brigade
- ADA Battalion
- MRL Battalion

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Combat Engineer Battalion  
Long Range Reconnaissance Company  
Militia Battalion (Irregular) X 2

The Commander, KLA, exercises close control over irregular forces. He also coordinates closely with New Triad formations and other dissident cells throughout Sarawak and Sabah.

### **Kalimantan Liberation Navy (KLN)**

#### Tarakan Flotilla

Houxin Class (Improved) PTG (Missile Patrol Boat)  
Parchim I PG (Patrol Boat)  
Lurssen PBF X 2 (Surveillance and Targeting Patrol Boat)

#### Balikpapan Flotilla

Amur Diesel Submarine X 2  
Houxin Class (Improved) PTG (Missile Patrol Boat)  
LST  
MHSC  
Parchim I PG (Patrol Boat)  
Lurssen PBF X 2 (Surveillance and Targeting Patrol Boat)

#### Pulaukumbang Flotilla

Amur Diesel Submarine X 2  
Kakap PGM (Missile Patrol Boat)  
Houxin Class (Improved) PTG (Missile Patrol Boat)  
Lurssen PBF X 2 (Surveillance and Targeting Patrol Boat)

### **Kalimantan Liberation Air Force (KLAF)**

#### Air Squadron Singtang

Attack Helo X 4 (PAH-2 Tiger)  
Reconnaissance Helo X 2 (BO-105)  
Transport Helo X 8 (Mi-17)

#### Air Squadron Seppingan

Ground Attack Aircraft X 8 (SU-25 Frogfoot)  
Strike Fighter Aircraft X 8 (SU-30MKI Flanker)

#### Air Squadron Beringin

Transport Helo X 8 (Mi-17)

#### Air Squadron Tanjungredeb

Utility/Attack Helo X 4 (Super Lynx)  
Multi-Role Helo X 2 (Super Puma)

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Transport Helo X 8 (Mi-17)

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RED EQUIPMENT: MAJOR END ITEMS

Ground:



**Skyshield**

35mm gun system

Primary targets:  
tactical fighter aircraft

Helicopters

Multisensor fire control



**G-6 (FO) 155mm**

**Armament:** 155mm gun w/  
45 rounds

**Range:** 60,000 meters(w/  
extended projectiles)

**Crew:** 6

**Weight:** 52 tons

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## **Centauro B1**



**Armament:** 120mm main gun; 7.62mm MG  
**Range:** 2km  
-APFSDS ammo  
-Thermal imager & laser range finder  
-Stabilized turret  
**Weight:** 21 tons  
**Speed:** 105+ km/hr  
**ERA:** protects against 20mm

## **VBC 8 X 8 Troop Carrier**



**Armament:** 25mm auto cannon; 7.62mm MG  
-Thermal imager & laser range finder  
-Stabilized turret  
**Crew:** 3 plus 8 troops  
**Weight:** 21 tons  
**Speed:** 105+ km/hr  
**ERA:** protects against 20mm

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**SA-19 Grison**



**Armament:** 12 - 57E6 SAMs  
**Range:** 1000 – 12,000m  
**Altitude:** 5 – 8000m  
**Guidance:** radio commands with  
IR or radio direction finding  
**Radar:** detection – 30km  
tracking – 24km  
**Warhead:** frag, 16kg

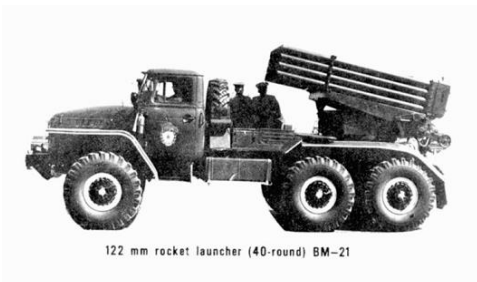
**Puma 4x4 Recon Vehicle**



**Armament:**  
- 7.62mm or 12.7mm MG  
- ATGM launcher  
**Range:**  
**Crew:** driver; 6 troops  
**Weight:** 5.7 tons  
**Speed:** 100+ km/hr  
**Armor protection:** small arms  
up to 7.62mm all over; 12.7mm  
in front



**300 mm MRL**  
**Range** 100-120 Km  
**Warheads:** Course Corrected,  
THM, FRAG, FASCAM,  
Thermobarics



**122 mm MRL**  
**Range** 12-32 Km  
**Warheads:** Smoke, Incendiary,  
Chemical, RF Jammer, Illumination,  
Antitank mines, Antipersonnel mines

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GPS Jammer

Can target HF/VHF/UHF CNR's, data nets, cell phones, and GPS  
High power output and broadband jamming capability provide flexibility



**MRCM (Monitoring Reconnaissance Counter Measures) Cicada**

- Produced by MRCM of Germany and South Africa
- 20 – 3000 MHz
- Barrage Jamming up 240MHz wide
- 200 W EIRP estimated in GPS band
- Scan up to 1000 MHz/s (VHF/UHF)
- \$2 million a copy



**SA-10**

- Primary Red surface-to-air missile capability
- Mobile (Range 49NM)
- Prepared hide sites in both Urban and Jungle settings
- Redundant C2 links to IADS



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**Scud-C SRBM**

**Range:** 500 km

**Guidance:** Inertial

**CEP:** 500m

**Warhead:** 700kg throw weight; Chem, High Explosive

**Fuel:** Liquid



**CSS-7 SRBM**

**Range:** 300Km

**Guidance:** Inertial

**CEP:** 300m

**Warhead:** 500kg throw weight; Chem, High Explosive, Cluster

**Fuel:** Solid



## NAVAL DISTRIBUTED OPERATIONS S&T WORKSHOP

### Aviation:



SU-25 Frogfoot  
Ground Attack

Range: 1,250 km w droptanks

Armament: 4,440 kg; Cannon: 1  
GSh-6-N-30 30mm rotary  
AS-7/9/11/12, AA-8 Aphid, FAB-  
250, UV-32-57, FAB-500, 500kg  
LGB, FAB-250



SU-30MKI Flanker  
Strike Fighter

Range: 3000 km

Armament: One 30 mm cannon  
up to 6,000 kg payload

- AA-10 (Alamo) air-to-air missiles
- AA-11 (Archer) air-to-air missiles
- AS-17 Supersonic ASCM

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## PAH-2 Tiger Attack Helo



**Armament:**

- up to 2x22 rockets
- up to 2x12 rocket pods
- up to 2x2 Mistral air-to-air missiles
- up to 2x4 HOT anti-tank missiles
- 30 mm turreted gun

**Avionics:** radar/laser warning receivers

**Detect ability:** low visual, radar and infrared

**Range:** 800km; 432nm

**Cruise Speed:** 150kts

**Endurance:** 3 hrs 25 mins

## BO-105 Recce Helo



**Armament:**

- 2 - 2.75-in rocket pods (7 or 12 ea.)
- 2 - 68-mm SNEB rocket pods (12ea)
- 2 - 50-mm SNIA rockets (28 ea.)
- 2 - TOW ATGM pods (4 ea.)
- 6 - HOT ATGM
- 2 - AS-12 ASM pods (2 ea.)
- 1 - Stinger AAM pod (4 ea.)

**Avionics:** weather radar, Doppler & GPS navigation

**Detect ability:** infrared signature suppressors

**Range:** 555km

**Cruise Speed:** 205km/hr

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### **Super Lynx**

#### **Utility, Attack, Anti-tank**

Armament: Cannon, minigun, rockets, missiles, HOT or TOW antitank missiles



### **NAS 532 Super Puma Multi-Role Helo**

- 7.65-mm MG
- 2 - 20-mm twin gun pods
- 2 - 68-mm rocket pods (22 each)
- 2 - 2.75-in rocket pods (19 each)
- 600 liters External fuel tanks



### **Mi-17 Helicopter**

#### **Armament:**

- 2x 7.62-mm or 1x 12.7-mm MG
- 4-6 - AT-2C or AT-3 ATGMs
- 4-6 - 57-mm rocket pods (16 each)
- 2 - 80-mm rocket pods (20 each)
- 4 - 250-kg bombs
- 2 - 500-kg bombs
- 1 - 12.7-mm MG pod
- 2 - Twin 23-mm gun pods

Transports 24 troops

Avionics: Doppler radar; autopilot; day/night/instrument meteorological conditions; IR jammer; chaff/flares

Range: 495km

Cruise Speed: 240km/hr



Naval

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### **Amur (project 1650) SSK**

Fourth generation diesel-electric submarine, Kilo 636 follow-on

Displacement 1,850 tons surfaced

2,600 tons submerged

Speed 10 kts surfaced

22 kts submerged dash

Dimension 223 ft

Diving Depth 820 ft maximum

Range 6,000 nm on snorkel

500 nm submerged @ 3 KTS

Endurance 50 days

With AIP 95 day with Kristall-27E AIP

Weapons 18 SS-N-27 ASCM, 18 torpedoes  
or 24 mines or combination



### **Houxin Class (Improved) PTG**

Missile Patrol Boat

Displacement 478 tons

32 kts

#### Weapons

C-803 ASCM

2 – dual 30mm

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**Kakap (PB-57) Nav V PGM**

Displacement 425 tons  
MM-40 Exocet ASCM  
40mm gun  
NBO-105 Helicopter  
28 kts



**Lurssen New 28 meter PBF**

Surveillance and targeting Displacement  
85 tons  
7.62 mm MG  
40 kts



**Parchim I PG**

Displacement 769 tons  
Twin 57 mm  
24 knots  
Fitted with mine rails



**Tacoma LST**

Displacement 3750 tons  
1 NAS-332 Super Puma helo



**Palau Rengat (Tripartite) MHSC**

Displacement 568 tons  
Dimension 169 ft  
15 knots